

# HT 430 plus die set

## 180416-01

### User's Manual



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[www.foehrenbach.be](http://www.foehrenbach.be)

## 1. Purpose

Crimping of outer ferrules type 85678-001 as applied in 5x6 shielded cable connector kit 85706.



## 2. Tool description

- Single head hand tool with dedicated die set.
- Short set-up times.

## 3. The process

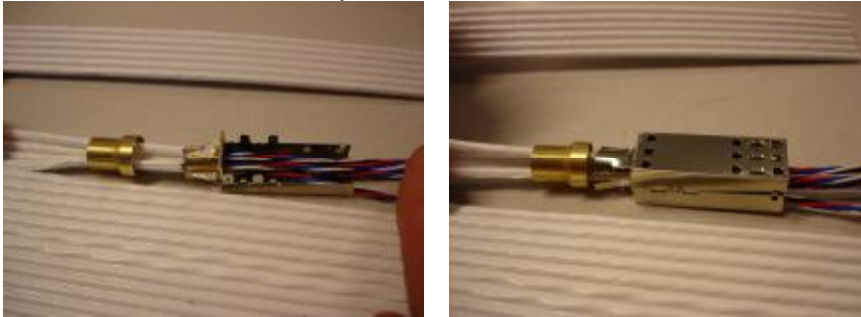
Put the ferrules on the cable as shown on the picture.



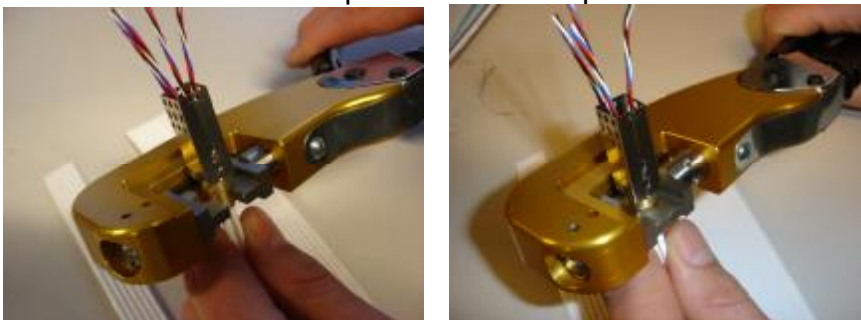
Slide the inner ferrule in position.



Install the bottom and top shield.



Slide the outer ferrule in position and crimp.



After completely closing the crimp dies, release the levers of the tool and recuperate the cable assembly.



## 4. Adjustments

- The tool doesn't need any adjustment.
- For any support, please contact Föhrenbach Application Tooling:

Föhrenbach Application Tooling  
Krijgsbaan 128  
B – 2640 Mortsel (Antwerpen)  
Belgium

Tel : +32 (0)3 216 19 98  
Fax : +32 (0)3 216 15 07  
e-mail : [application.tooling@foehrenbach.be](mailto:application.tooling@foehrenbach.be)  
Website : [www.foehrenbach.be](http://www.foehrenbach.be)

## **5. General specifications**

- Colour : Black metal./ gold
- Weight : 0,8 kg

## **6. Input material and functional requirements**

### **6.1. Cable**

- Round cable with comply the application of the mentioned inner and outer ferrules.

### **6.2. Components**

- Outer ferrules type 85678-001 as applied in 5x6 shielded cable connector kit 85706.

## **7. Process output**

- Due to the manual process, the output capacity is highly depended on the skills of the operator.

## **8. Safety and ergonomics**

- Apply the tool only for the target as mentioned in chapter 1. Purpose.
- For operator safety, it's necessary to apply eye protection.
- Apply the tool only in a dry and clean environment.
- Apply the tool only in a well lighted environment (1000 Lux).
- Only skilful operators who are trained by Föhrenbach Application Tooling engineers are allowed to apply the tool.

## **9. Environmental conditions**

### 9.1. Ambient temperature

The ambient temperature is measured at a height of 1.5 m above the floor.

- |    |  |                 |
|----|--|-----------------|
| a. | Normal range                             | : + 15 to +30°C |
| b. | Average value                            | : ± 23°C        |
| c. | Maximum variation within a 5 min. period | : ± 5°C         |

### 9.2. Humidity

- |    |   |                  |
|----|---|------------------|
| a. | Normal range (no condensation)                      | : 40 to 70% R.H. |
| b. | Range not resulting in constantly reduced operation | : 10 to 90% R.H. |

### 9.3. Atmospheric pressure

Normal range: 533 - 1060 m bar.

## **10. Power connections**

### 10.1. Electrical

No electrical supply required.

### 10.2. Pneumatic

No air supply required.

## **11. Warranty**

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